

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8137	427/326.ccls. or 427/389.9.ccls. or 427/385.5.ccls. or 427/391.ccls. or 427/393.4.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/11/04 11:11
L2	5	I1 and (homopolymer same N-vinylformamide)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/11/04 11:11
L3	38	I1 and (N-vinylformamide)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/11/04 11:13
L4	0	I1 and (N-vinylformamide same (charge density or meq/g))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/11/04 11:13
L5	46	I1 and vinylformamide	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/11/04 11:15
L6	0	I1 and (hyroly\$5 same (N-vinylformamide or vinylformamide))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/11/04 11:16
L7	22	I1 and paper and charge density	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/11/04 11:16
L8	2	I1 and (hydrolyzed same N-vinylformamide)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/11/04 11:17
S1	528	polyvinylamine and cationic polymer and paper	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 09:37
S2	58	S1 and charge density	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 09:38

S3	62	cationic polymers and (recording medium or recording media) and aqueous and vinylamine	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 09:41
S4	1	("4880497").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/25 09:44
S5	2	polyvinylformamide and (recording medium or recording media) and aqueous and vinylamine	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 09:59
S6	5	polyvinylformamide and (recording medium or recording media) and aqueous	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 10:00
S7	5	polyvinylformamide and (recording medium or recording media)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 10:00
S8	0	polyallylammonium chloride and (recording medium or recording media)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 10:01
S9	0	polyallylammonium and (recording medium or recording media)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 10:01
S10	2	polyallylammonium and (recording medium or recording media)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 10:01
S11	15	polyallylammonium and (recording medium or recording media or paper)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 10:01
S12	156	polydiallyldimethylammonium and recording	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 10:05
S13	0	("2004018253").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/25 10:39
S14	2	"20040182533"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 10:40

S15	0	polyelectrolyte and charge density and ink recording	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 11:02
S16	38	charge density and ink recording	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 11:02
S18	1	("6084619").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/25 11:30
S20	404	"3" meq/g	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 11:55
S21	73	S20 and charge density	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 11:56
S22	1	("6132558").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/25 12:22
S23	92	162/168.1.CCLS. and charge density	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 12:58
S24	151	162/168.1.CCLS. and cationic polymers	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 13:01
S25	17	cationic polymer fixing agent	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 13:10
S26	1166	cationic polymer and fixing agent	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 13:14
S27	807	162/164.6.CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 13:17
S28	221	S27 and cationic polymer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 13:17

S29	245	S27 and (cationic polymer or polyelectrolytes or charged polymers)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 13:21
S30	0	ink jet paper near surface treatment	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 13:24
S31	4353	ink jet and surface treatment	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 13:24
S32	2727	(ink jet or ink-jet) and (recording medium or recording media or paper) and surface treatment	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 13:25
S33	1328	S32 and (cation or cationic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 13:26
S34	261	S33 and spraying	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 13:26
S35	30	(ink jet recording media or ink-jet recording media or ink jet recording medium or ink-jet recording medium or ink jet paper or paper) and cation near polymer and polyvinylamine	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 13:34
S36	1	("6132558").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/25 15:05
S37	22	fixing agent and spray application and paper	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 15:31
S38	0	fixing agent and spray application and (ink jet recording media or ink-jet recording media or ink jet recording medium or ink-jet recording medium)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 15:32
S39	194	fixing agent and coating and (ink jet recording media or ink-jet recording media or ink jet recording medium or ink-jet recording medium)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 15:33
S40	263	drainage aids and coatings	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 15:53

S41	44	drainage aids and coatings and (ink jet or ink-jet)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 15:53
S42	2	(("6273998") or ("3901857")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/25 15:59
S43	0	(drainage agents near coating) and (ink jet or ink-jet)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 16:08
S44	0	(drainage agent same coating) and (ink jet or ink-jet)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 16:08
S45	2	(drainage agent and coating) and (ink jet or ink-jet)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 16:08
S46	302	(drainage and coating) and (ink jet or ink-jet)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 16:08
S47	0	(drainage near coating) and (ink jet or ink-jet)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 16:09
S48	199	(ink jet or ink-jet) and drainage and retention	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 16:09
S49	199	427/326.CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/25 16:28
S50	1015	162/1681.CCLS. or 162/164.6.CCLS. or 427/326.CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 15:38
S51	55	cationic polymer and (vinyl amine or vinylamine) and (ink jet or ink-jet or inkjet) and (n-vinylformamide)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/05 15:39
S52	1	("5798173").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/05 15:50
S53	1	("7435266").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 13:06

S54	165	("20020097309" "20040256066" "2721140" "3225074" "3395708" "3471367" "3512915" "3554862" "3554863" "3556932" "3556933" "3598696" "3700623" "3728214" "3772076" "3775220" "3844880" "3879257" "3885158" "3899388" "3916058" "3923593" "3972855" "3994771" "4028172" "4069159" "4070238" "4112167" "4129528" "4129722" "4137360" "4144122" "4147586" "4158594" "4166001" "4210489" "4217214" "4222921" "4225382" "4242408" "4255294" "4255548" "4297860" "4300981" "4314001" "4377543" "4421602" "4432833" "4440597" "4445974" "4482429" "4514345" "4528239" "4529480" "4556450" "4654161" "4684439" "4717498" "4773110" "4774285" "4776965" "4795530" "4808683" "4818341" "4880497" "4957977" "4959125" "4960845" "4978427" "5037560" "5048589" "5064909" "5070168" "5070171" "5073619" "5085736" "5098522" "5098979" "5120812" "5135294" "5149765" "5178729" "5194263" "5196499" "5230776" "5232553" "5237035" "5260171" "5269942" "5275700" "5280099" "5281307" "5292441" "5296434" "5300666" "5324445" "5328565" "5334289" "5336373" "5353521" "5411636" "5431786" "5494554" "5496624" "5500277" "5507914" "5514523" "5522967" "5529585" "5554467" "5566724" "5598642" "5598643" "5614598" "5624790" "5628876" "5637194" "5656132" "5667636" "5703225" "5730839" "5772845" "5798078" "5803270").PN. OR ("5855739" "5897745" "5932068" "5948125" "5948507" "5961782" "5962570" "5981044" "5990377" "6010598" "6022449" "6030675" "6096169" "6103060" "6103063" "6143135" "6175028" "6176973" "6200354" "6201093" "6210528" "6224714" "6274667" "6306249" "6315824" "6710175" "6749641" "6936075" "6969445").PN. OR ("7435266").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 13:08
S55	29	S54 and (vinyl amine or vinylamine or polyvinylamine)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 13:09
S56	1	("5798173").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 13:51
S57	15	("5281307" "5320712").PN. OR ("5798173").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 13:51
S58	1	("4421602").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 17:32

S59	1	("6673206").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 10:34
S60	1	("5536370").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 10:36
S61	335	drainage and pulp and paper and polyelectrolyte	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/19 10:42
S62	40	S61 and polyvinylamine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/19 10:42
S63	7	drainage agent and brightener and paper and coat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/19 11:03
S64	0	drainage agent and ink and light resistance and bleed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/19 11:05
S65	0	drainage agent and ink and light resistance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/19 11:05
S66	0	drainage and ink and light resistance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/19 11:05
S67	15	drainage and ink and light resistance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/19 11:05
S68	1	("5281307").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 11:25
S69	1	("6159340").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/30 17:21
S70	1	("4421602").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/30 17:23
S71	2	"0013969".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/30 17:29

S72	3	"13969".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/30 17:30
S73	6	"216387".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/30 17:32
S74	4	"2741753".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/30 17:34
S75	4	"36993".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/30 17:34
S76	1	("20090008051").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/30 17:41
S77	2	("2721140").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/30 17:44
S78	1	"19727503".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/30 17:52
S79	5	"171050".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/30 17:54
S80	3097	n-vinylformamide	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/09 10:09
S81	440	S80 same homopolymer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/09 10:09
S82	206	S81 and paper	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/09 10:09

S83	3097	n-vinylformamide	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/09 11:38
S84	440	S83 same homopolymer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/09 11:38
S85	206	S84 and paper	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/09 11:38
S86	36	S85 and meq	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/09 11:38
S87	44	S85 and charge density	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/09 11:55
S88	1	("4294873").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 10:21
S89	212	(homopolymer same (n-vinylformamide or n-vinylcarboxamide)) and paper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 10:31
S90	809	meq/g and (paper same coat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 11:20
S91	43	meq/g and (paper same coat\$3) and n-vinylformamide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 11:20
S92	47	charge density and (paper same coat\$3) and n-vinylformamide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 11:22
S93	34	charge density and (paper same whitening)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 11:30

S94	66	charge density and cationic polymer and paper and whiteness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 11:55
S95	548	charge density and cationic polymer and paper and strength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 11:59
S96	4	charge density and cationic polymer and paper and strength and dry end	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 11:59
S97	4	"2003016624".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 12:27
S98	1	("20040154764").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/04 12:28
S99	2	"03016624".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 12:29
S100	27	charge density and ((wet near2 strength) or (dry near2 strength)) and paper and cationic polymer and size press	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 12:42
S101	9	charge density and (water resistance) and paper and cationic polymer and size press	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 12:45
S102	1	charge density and (water resistance) and paper and cationic polyelectrolyte and size press	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 12:47
S103	4	charge density and (water resistance) and paper and cationic polyelectrolyte	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 12:47

S104	25	charge density and (water resistance) and paper and cationic polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/04 12:47
S105	1	("20040154764").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/30 18:37
S106	1	("2004/0154764").URPN.	USPAT	ADJ	ON	2010/12/30 18:42
S107	174	hydrolyzed same homopolymer same n-vinylformamide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/30 18:54
S108	100	S107 and paper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/30 18:55
S109	33	S108 and charge density	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/30 18:55
S110	45	S107 and (paper same coat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/30 19:10

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	5864	427/326.ccls. or 427/389.9.ccls. or 427/385.5.ccls. or 427/391.ccls. or 427/393.4.ccls.	USPAT; UPAD	ADJ	ON	2011/11/04 11:18
L10	9	I9 and \$3vinylformamide.clm.	USPAT; UPAD	ADJ	ON	2011/11/04 11:19
L11	11	I9 and paper.clm. and (charge.clm. or (meq/g).clm.)	USPAT; UPAD	ADJ	ON	2011/11/04 11:40
L12	10	I9 and paper.clm. and (charge.clm.)	USPAT; UPAD	ADJ	ON	2011/11/04 11:41

11/4/2011 11:42:42 AM

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